MACHINE LEARNING DEVELOPER

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Summary _

BULLET POINTS

- 1. Point number 1
- 2. I poisoned myself doing research.
- 3. I was the first woman to win a Nobel prize
 - · Which is a pretty big deal
 - I don't get enough credit for that
- 4. I was the first person and **only woman** to win a Nobel prize in two different sciences.

WORK SUMMARY

Help companies create deep sustainable advantages using machine learning and (applied) data science processes. I have demonstrable experience in implementing business frameworks, set up data pipelines, and creating an overall accountable work culture that encourages and reinforces metric-based decision making. As an active practitioner, I have **developed tools and software used by Fortune 500 companies in the field of marketing automation, ad fraud prevention and e-commerce**. I am adaptable to new environments, having lived in China for 9 months, as well as in Japan, Taiwan, Thailand between 2013 to 2016 where I was tasked to build and develop regional teams in the domain of publishing ops and analytics.

Education

Flying University Warsaw, Poland

INFORMAL STUDIES 1889-91

Sorbonne Université Paris, France

Master of Physics 1893

Sorbonne Université

Master of Mathematics

Paris, France

1894

LINKS

- LinkedIn
- GitHub
- Stack Overflow
- RStudio Certified Trainer: Vincent Yannuzi

Achievements

	Awarded for her work on
1903 Nobel Prize in Physics	radioactivity with
	Pierre Curie and
	Henri Becquerel
	Awarded for the
1911 Nobel Prize in Chemistry	discovery of radium
	and polonium

Notable Experience _____

Supertype Greater Jakarta Area

CO-FOUNDER July 2020 - Present

Conceptualize, develop, and launch commercial-ready solutions in the field of Artificial Intelligence for e-commerce and mobile app publishers
 Recruit and nurture Indonesian talents in various field of applied artificial intelligence, by assigning them into work units and match them with qualified mentors from the different industries

Algoritma Greater Jakarta Area

CO-FOUNDER, CORPORATE CONSULTANT

July 2017 - Present

- Develop consultative training centered around the topics of machine learning, data mining, business intelligence / visualization, automation. Consult more than 20+ companies around the SEA region: in-house curriculum development, AI adoption, business intelligence, automation, algorithmic modelling and statistical work in R, SQL, Python.
- Technical committee member and competition judge on Finhacks 2018, the largest Machine Learning competition of the year organized by PT. Bank Central Asia (BCA) and DailySocial.
- Active trainer for various companies in the financial industry with up to 6 months of ongoing engagement. My team and I have delivered training
 / speaking sessions in various campuses: Binus, NUS (National University of Singapore)'s The Logistics Institute, University of Indonesia, Universitas Gadjah Mada (UGM), Swiss-German University, Binus, Institute of Technology Bandung (ITB), Telkom University etc. Courses I authored are offered also in Singapore through Ngee Ann Polytechnic.

HyperGrowth Greater Jakarta Area

FOUNDER AND CEO

April 2014 - July 2017

- Works with Indonesia's leading e-commerce businesses and mobile studios on market penetration and customer base growth execution. The company's flagship product, Audience Kit, is an audience management platform that combines the intuitiveness of a CRM with people-based analytics. Users create segments based on sophisticated chains of behavioral-conditions, and programmatically engage with each segment through re-marketing ads or in-app notifications.
- HeadQuarters is a tool the company has developed to promote greater accountability in mobile marketing. Used by some of the largest mobile
 advertisers in SEA to counter mobile ad fraud, gain visibility, improve ROI-measurability and generate campaign insights, it's automation tools
 shift the focus from user-acquisition to customer-acquisition. In addition to its core products, the company provides consultation and custom
 services to help apps and businesses scale its customer base.
- Oversee the company's expansion from its home market and headquarter in Singapore to Indonesia. Managed the market and product development team spread across 3 offices (Singapore, Vietnam, Indonesia) and its market development efforts.

gumi Asia (gumi Inc, TYO: 3903)

Singapore

MARKETING HEAD

June 2013 - June 2014

- In charge of mobile game marketing and publishing, and setting up a metrics-driven user acquisition framework that delivers extremely high Return on Ad Spend consistently
- User acquisition, ad buying, counter-fraud, conversion optimization, programmatic media buying, performance advertising, cohort analysis, funnel analysis and behavioral tracking
- Establish protocols for user acquisition and user care, while overseeing a team of 60 in Philippines and Singapore on all projectes relating to community building, community partnerships, customer support and events
- Create long-term value for the company through the development of LTV-centric user acquisition frameworks and strategic partnerships with media buying companies
- Published Brave Frontier (iOS, Android, Amazon) top-grossing game in 8 different countries, grossing USD 300,000 to USD 1,000,000 every day for the whole calendar year, which is a major contributing factor to the company's public listing 12 months later

Publications

- 1. O'Hara-Wild, M., & Hyndman, R. (2021). Vitae: Curriculum vitae for r markdown. https://CRAN.R-project.org/package=vitae
- 2. Müller, K., & Wickham, H. (2021). *Tibble: Simple data frames*. https://CRAN.R-project.org/package=tibble

Community Projects

BLOCKCHAIN ACADEMY

- A series of initiatives to promote a healthy ecosystem that is **centered on actual business adoption and real education** away from the hype and noise of *web3* of blockchain for enterprises.
- 1. Link: Learn Blockchain Academy
- 2. Link: Learn Blockchain Academy
- 3. Link: Ethereum Smart Contract Programming
- 4. Link: Web3, dApp Development

CORGI, AUTOMATED COURSE PRODUCTION TOOL

• Solo, full-stack developer and publisher of a web-based tool (https://corgi.re) that allow anyone to create and publish interactive guizzes online, from the convenience of a markdown file. The automation tool takes

a markdown file and auto-magically creates a web version of an interactive quiz set, allowing learners from around the world to be students and course producers with little work and no cost.

· Link: Corgi, Courses on GitHub

PEDAGOGY, OPEN-SOURCE PERFORMANCE MANAGEMENT TOOL FOR EDUCATORS

- Solo, full-stack developer and publisher of a *performance management app* for education professionals that combines performance tracking with various analytics and feedback management
 - 1. Link: Pedagogy Open-Source Code
 - 2. Link: Pedagogy in Production

SUPERTYPE DEVELOPMENT PROGRAM

- Initiator and Program Lead of a social initiative that brings half-learn, half-work opportunities to participants who want to break into the data science and machine learning domain. The program combines mentorship, learning units, and a semi-structured learning path to help participants develop the skills required to take on paid client work, arranged by Supertype.
- Link: Supertype Development Program